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bers intersect, a number will be found, which is the depression of the dew-point below the temperature of the atmosphere. Now adjust the brass index to point to this number on the hygrometric scale, and this will indicate the state of the weather due to the hygrometric state of the atmosphere. Next ascertain the number indicating the height of the mercury in the barometer, and adjust the sliding scale so that this number may coincide with the index division on the edge of the frame. As the brass index moves with this slide it will be carried away from its former position with the sliding scale, which will combine the barometric influence, and the index will now point out the state of the weather due to the combined influences of both the hygrometric and barometric states of the atmosphere.

No. XV.

ON STOVES.

The following stoves were exhibited and described by their respective inventors.

1. Jones's portable and economical stove.
2. Wright's, formerly known as Joyce's, stove.
3. Nettleton's safety-pedestal stove.
4. Brown and Green's ventilating stove.
5. Walker's self-feeding phœnix stove.
6. Edwards', or Dr. Arnott's stove.
7. Nott's patent stove.